



Connectors > Automotive Connectors > Automotive Housings



Connector System: **Wire-to-Board**

Number of Positions: **81**

Connector & Housing Type: **Housing for Female Terminals**

Centerline (Pitch): **2.54 mm, 5.8 mm [.1 in, .228 in]**

Sealable: **Yes**

Features

Product Type Features

Mixed & Hybrid Connector	Yes
Connector Shape	Rectangular
Connector System	Wire-to-Board
Connector & Housing Type	Housing for Female Terminals
Sealable	Yes
Connector & Contact Terminates To	Wire & Cable
Primary Locking Feature	Integrated in Housing

Configuration Features

Number of Positions	81
Number of Rows	3, 4

Electrical Characteristics

Nominal Voltage Architecture	12 V
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Body Features

Primary Product Color	Black
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Contact Features

Contact Size	.63mm, 2.8mm
Contact Type	Receptacle

Mechanical Attachment

Mating Alignment Type	Polarizing Slot
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Housing Material	PBT
Centerline (Pitch)	2.54 mm, 5.8 mm [.1 in] [.228 in]

Usage Conditions

Operating Temperature (Max)	70 °C, 75 °C, 80 °C, 85 °C, 90 °C, 100 °C, 105 °C, 110 °C, 120 °C [158 °F] [167 °F] [176 °F] [185 °F] [194 °F] [212 °F] [221 °F] [230 °F] [248 °F]
Operating Temperature Range	-40 - 120 °C [-40 - 248 °F]

Operation/Application

Circuit Application	Signal
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Packaging Features

Packaging Method	Tray
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Other

Connector Position Assurance Capable	No
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Product Compliance

For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2024 (240) Candidate List Declared Against: JAN 2021 (211) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per



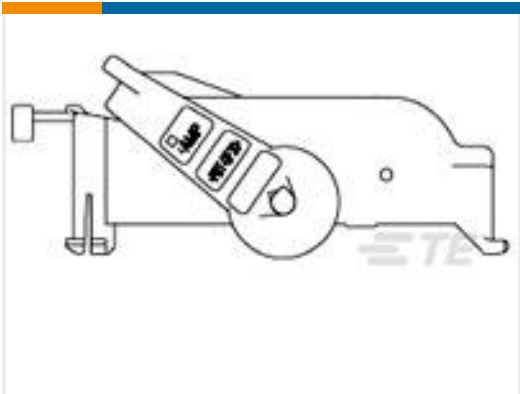
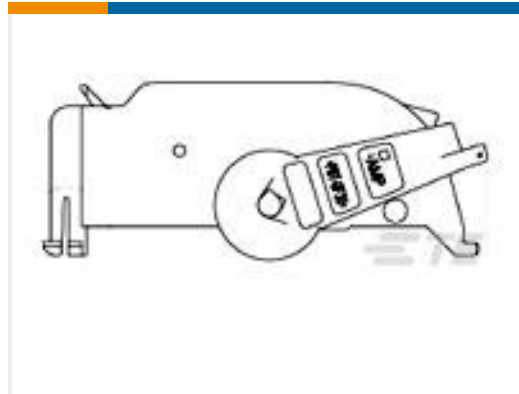
homogenous material. Also BFR/CFR/PVC Free

Not applicable for solder process capability

Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

Compatible Parts

 TE Part # 1473247-1 MQS 81P LEVER(R) ASSY	 TE Part # CAT-T4827-T273 TIMER, RECEPTACLE AND TAB	 TE Part # 1241434-2 121pos hybrid MQS .63 header 90deg	 TE Part # 1473250-1 MQS 81P LEVER(L) ASSY
 TE Part # 368382-1 MQS RETAINER HSG FOR 81P	 TE Part # 1473245-1 SEALED MQS CLEANBODY/JPT 81POS	 TE Part # 1473246-1 SEALED MQS CLAENBODY/JPT 81POS	 TE Part # 368377-2 FRONT BODY REC HSG FOR 81P(B) 81POS
 TE Part # 368904-1 76 WAY FAMILY SEAL 81P REC HSG	 TE Part # 368905-1 PERIPHERAL SEAL 81P REC HSG	 TE Part # 368380-1 SEAL RETAINER FOR 81P BLACK	

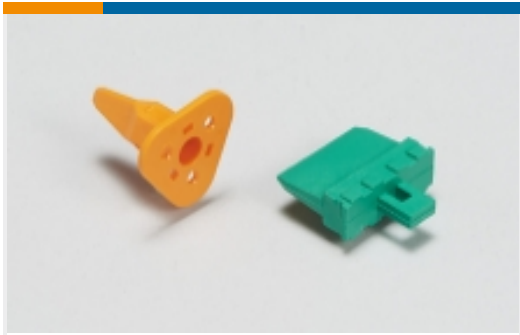
Also in the Series | MQS



Automotive Connector Caps & Covers (113)



Automotive Connector EMC Shielding (3)



Automotive Connector Locks & Position Assurance(26)



Automotive Housings(379)



Automotive Terminals(88)



Connector Seals & Cavity Plugs(26)



Insertion & Extraction Tools(42)



Other Automotive Connector Accessories(7)

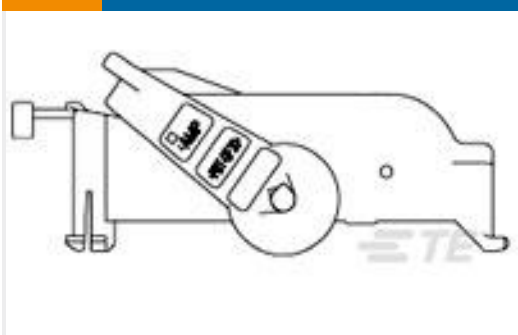


PCB Headers & Receptacles(143)

Customers Also Bought



TE Part # 1473244-1
MQS, CONNECTOR HOUSING



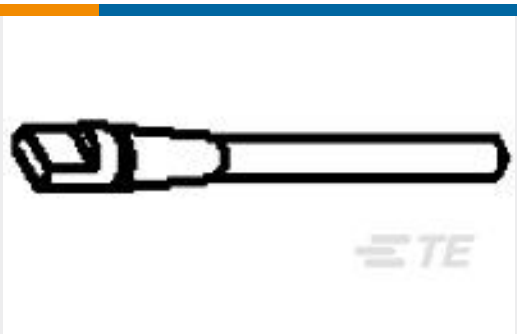
TE Part # 1473247-1
MQS 81P LEVER(R) ASSY



TE Part # 160916-4
250 FASTON,REC.,17-14 AWG,TPPB



TE Part # 160928-4
FF 250 REC 0.5-1.0MM2 TPPB



TE Part # 936054-1
CAVITY PLUG(ECU 40P&81P ASSY)



TE Part # 964273-2
JPT A REC 2.8 Contact SWS Sn



TE Part # 5-968221-1
MQS0,63 Sn rec CB unseal. 0,5-0,75



TE Part # CH03456001
QSZH-125-NR1-35MM



Documents

Product Drawings

MQS/JPT 81POS PLUG ASSY

Japanese

CAD Files

Customer View Model

ENG_CVM_CVM_1473244-3_A1.3d_stp.zip

English

Customer View Model

ENG_CVM_CVM_1473244-3_A1.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1473244-3_A1.3d_igs.zip

English

3D PDF

3D

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Product Specifications

Application Specification

English

Application Specification

English